

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((("6251767") or ("5403776") or ("5626278") or ("6254923") or ("20020102767") or ("4142286")). PN.	US-PGPUB; USPAT	OR	OFF	2005/06/08 10:10
L2	23088	solder\$4 and (cga or bga or (array or solder) near (sphere or ball or preform or column)) and (align\$5 or array\$4 or dispens\$4 or position\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:12
L3	2208	2 and (vibrator\$4 or vibrat\$5 or agit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:13
L4	859	3 and (groov\$4 or guid\$4 or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:13
L5	54	4 and (groov\$4 or guid\$4 or channel) near (parallel or long or longitud\$4 or elongat\$4 or transvers\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:13
L6	42	5 and (cover\$4 or hous\$4 or casing or encas\$6 or enclos\$4 or hood)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:17
L7	23	6 and (angl\$4 or inclin\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:15
L8	3	6 and (cover\$4 or hous\$4 or casing or encas\$6 or enclos\$4 or hood) near (clear or glass or transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:17

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	53	((column adj grid adj array) or cga) near solder\$4	USPAT	OR	ON	2005/06/08 12:32

Searching PAJ

[MENU](#)[NEWS](#)[HELP](#)

Search Results : 442

[Index Indication](#)[Clear](#)**Text Search**

If you want to conduct a Number Search, please click on the button to the right.

[Number Search](#)

Applicant, Title of invention, Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a **SPACE** between keywords.

One letter word or Stopwords are not searchable.

[OR](#)

AND

[OR](#)

AND

[OR](#)

AND

Date of publication of application — e.g.19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a **SPACE** between keywords.

[Search](#)[Stored data](#)

Copyright (C); 1998,2003 Japan Patent Office